

Applicant(s)	Smith et al.	<b>INFORMATION DISCLOSURE STATEMENT FORM PTO-1449</b>
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Title: IMAGE PROCESSING SYSTEM FOR USE WITH A PATIENT POSITIONING DEVICE		

Sheet 1 of 1

U.S. Patent References				
Examiner Initials	Patent No.	Issue Date	Name	Filing Date
/M.R./	5,446,548	8/29/1995	Gerig et al.	8/29/1995
/M.R./	5,447,154	9/5/1995	Cinquin et al.	9/5/1995
/M.R./	5,946,425	8/31/1999	Bove, Jr. et al.	6/3/1996
/M.R./	5,954,647	9/21/1999	Bova et al.	4/26/1996
/M.R./	6,154,518	11/28/2000	Gupta	11/4/1998
/M.R./	US 2002/0044682	4/18/2002	Weil et al.	9/6/2001

Foreign Patent References					
Examiner Initials	Foreign Patent		Name	Publication Date	T?
	Country	No.			
/M.R./	JP	2001229388	Hitachi	02/18/2000	Y
/M.R./	WO	02/061680	3Q Technologies Ltd.	8/8/2002	

Other References	
Examiner Initials	Author, Title, Date, Pages, etc.
/M.R./	Milliken B D et al.: "Performance of a video-image-subtraction-based patient positioning system" International Journal of Radiation Oncology Biology Physics, 1 July 1997, Elsevier for America Soc. Therapeutic Radiol. & Oncol, USA, vol. 38, no. 4, pages 855-866, XP002274120 ISSN: 0360-3016.
/M.R./	Besl et al.: "A Method for Registration of 3-D Shapes" IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 14, No. 2, February 1992, pp. 239-256.
	<del>Smith et al.: "Surface Imaging for Computing Rigid Body Motion" TCTi Ltd, Harefield UK, Computational Imaging Science Group, Guy's Hospital, London, UK, pp. 1-7.</del>
	<del>Hadley et al.: "Calibration of Video Cameras to the Coordinate System of a Radiation Therapy Treatment Machine" University of Chicago, The Department of Radiation and Cellular Oncology, 5841 South Maryland Ave. MC 1105 Chicago, IL 60637.</del>
/M.R./	Lynn J. Verhey: "Immobilizing and Positioning Patients for Radiotherapy" Seminars in Radiation Oncology, Vol. 5, No. 2 (April), 1995: pp 100-114.
/M.R./	Lam et al: "Automated determination of patient setup errors in radiation therapy using spherical radio-opaque markers" Med. Phys. 20 (4), Jul/Aug 1983 pp. 1145-1153.
/M.R./	Baroni: "Real-time three-dimensional motion analysis for patient positioning verification" Radiotherapy and Oncology 54 (2000) 21-27.
	<del>Turk et al.: "Zippered Polygon Meshes from Range Images" Computer Science Department, Stanford University.</del>
/M.R./	Roger Y. Tsai "A Versatile Camera Calibration Technique for High-Accuracy 3D Machine Vision Metrology Using Off-the-Shelf TV Cameras and Lenses" IEEE Journal of Robotics and Automation, Vol. RA-3 No. 4, August 1987.
/M.R./	P.A. Graham et al.: "Dynamic Surface Matching for Patient Positioning in Radiotherapy" North Western Medical Physics, Christie Hospital, Manchester, UK, IEEE 1998, pp.16-24

Examiner Signature	/Mohammad Rashidian/	Date Considered	10/05/2009
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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